

## **AMENDMENTS TO THE SPECIFICATION**

**Please add the following new heading and paragraph immediately following the title:**

### **Cross Reference to Related Applications**

This application is a National Stage of International Application No. PCT/EP03/03275, filed March 28, 2003, which claims priority to German patent application 102 14 190.8, the entire contents of each of which are hereby incorporated by reference.

**At page 1, please add the following section heading before the first paragraph:**

### **Field of the Invention**

**At page 1, please add the following section heading before the paragraph beginning**

**“The basic principles....”**

### **Background of the Invention**

**At page 3, please add the following section heading before the paragraph beginning**

**“The invention proposes a power supply....”**

### **Summary of the Invention**

**At page 6, please add the following section heading before the paragraph beginning**

**“The invention is described in more detail....”**

### **Short Description of the Drawings**

**At page 7, please add the following section heading before the paragraph beginning**

**“Figure 1, which has been described above....”**

### **Description of the Preferred Embodiment**

**At page 10, please replace the paragraph beginning “As long as the output current....” with the following paragraph:**

As long as the output current  $I_0$  of the switch-mode power supply 20 remains under a predetermined first threshold value  $I_{0P}$  that characterizes the end of a normal operating range I, the second stage 60 and the third stage 70 do not emit any output signals. The output voltage of the switch-mode power supply 20 is then given as:

$$U_0(I_0) = U_{0MAX} - R_{VS} \cdot I_0 - R_T \cdot I_T,$$

where

$$R_{VS} = \frac{R_{Powerloss}}{Closedloopgain}$$

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**Please add the Abstract on the following page.**